

Remark

Applicants respectfully request reconsideration of this application as amended. Claims 1, 5, 7, 14, 20 and 25 have been amended. Claims 4, 12, 18, 23 and 29 have been cancelled. Therefore, claims 1-3, 5-11, 13-17, 19-22, 24-28 and 30 are present for examination.

35 U.S.C. §101 Rejection

The Examiner has rejected claims 5-6 and 20-24 under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. These claims have been amended

35 U.S.C. §102 Rejection

Chang

The Examiner has rejected claims 1-4, 7-16, 18-19 and 25-30 under 35 U.S.C. §102(b) as being anticipated by Chang, U.S. Patent No. 5,543,851 (“Chang”). Chang shows in Figures 7a and 7b how a video signal 712 may be displayed with various other language aids and translated text 708 beside the video. The specification also suggests that some of the display as well as the translated text may be placed on a secondary display separate from the video.

In the claims, as amended, character images are generated and superimposed on the video portion of a video signal. While Chang shows the generation of character images, Chang does not show them superimposed on a video signals. Instead Chang

shows the characters as a separate signal that is sent to a separate monitor sent to the same monitor to be shown beside the video.

In a typical closed caption system, the video signal includes only encoded text which is then decoded and displayed by the television. Closed captioning does not include images of the characters, but numerical codes that represent characters. In some of the references (not cited by the Examiner), the closed caption text is separately processed and separately displayed. In others of the references (not cited by the Examiner), the text is then re-encoded into the video signal as a substitute for the original encoded closed captioning. In the current invention as claimed, the decoded processed text is used to generate character images. Rather than displaying these separately they are superimposed onto the video signal. This signal can then be displayed by any display even if the display does not support closed captioning and even if the characters are not available in the standards for closed captioning.

35 U.S.C. §103 Rejection

Chang and Agnihotri

The Examiner has rejected claim 17 under 35 U.S.C. §103(a) as being unpatentable over Chang in view of Agnihotri, WO No. 03/030018 (“Agnihotri”). Agnihotri does not show and is not cited for the features that are absent from Chang.

Conclusion

Applicants respectfully submit that the rejections have been overcome by the amendment and remark, and that the claims as amended are now in condition for allowance. Accordingly, Applicants respectfully request the rejections be withdrawn and the claims as amended be allowed.

Invitation for a Telephone Interview

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

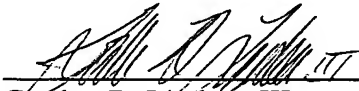
Request for an Extension of Time

Applicants respectfully petition for an extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a) should one be necessary. Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17(a) for such an extension.

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,
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